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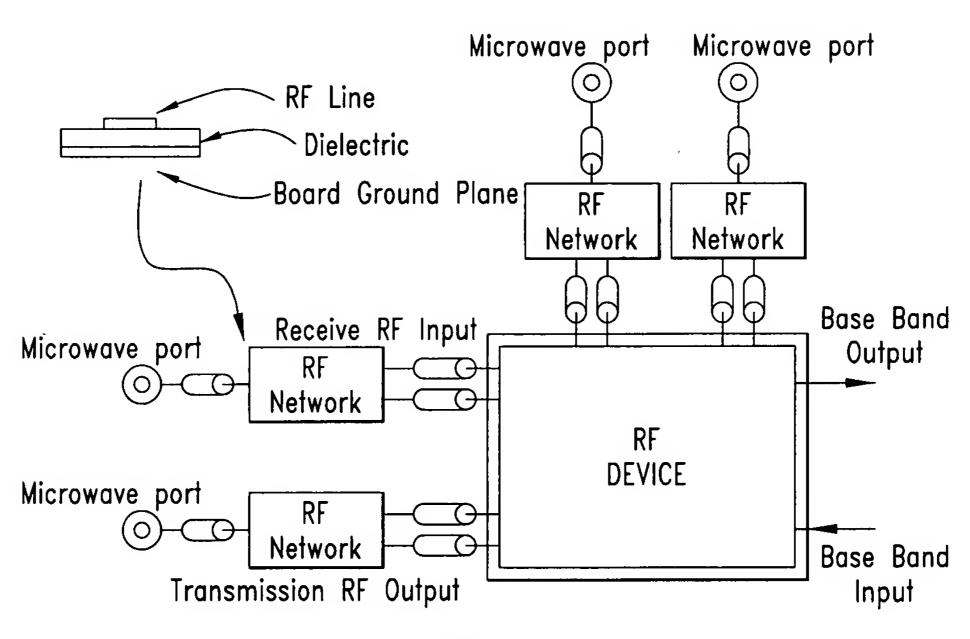


FIG. 1 (Prior Art)



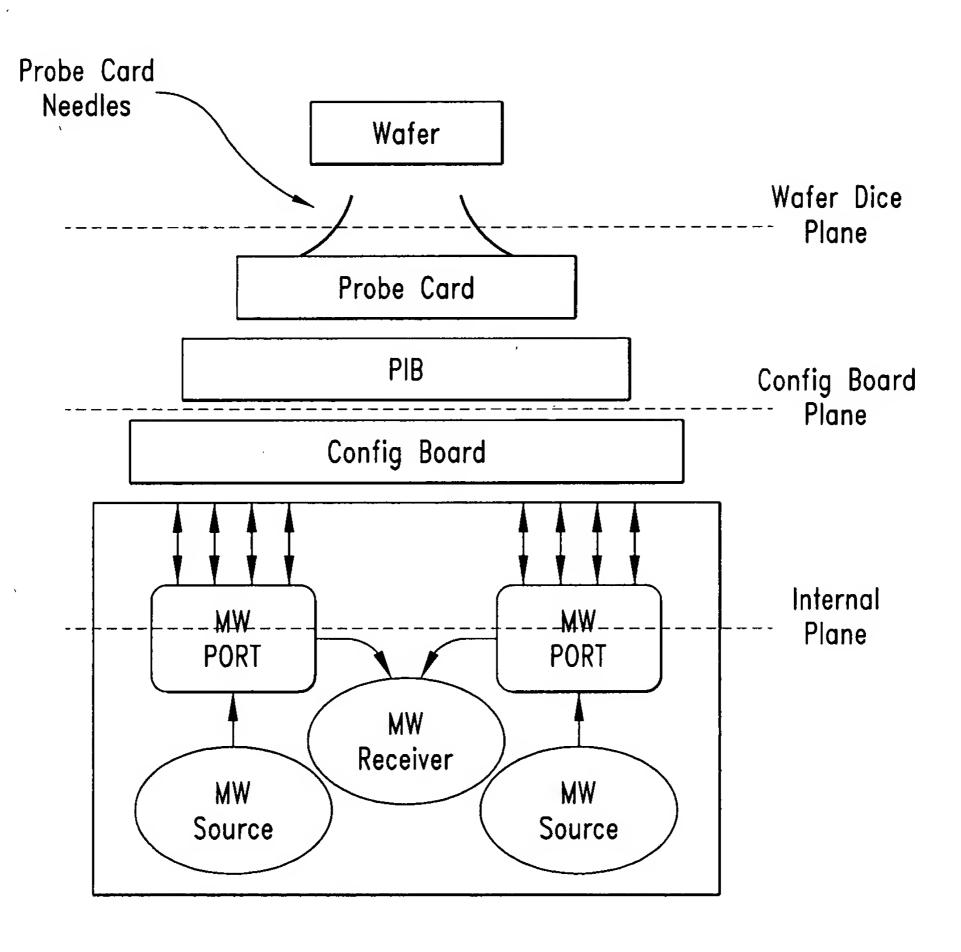


FIG. 2 (Prior Art)



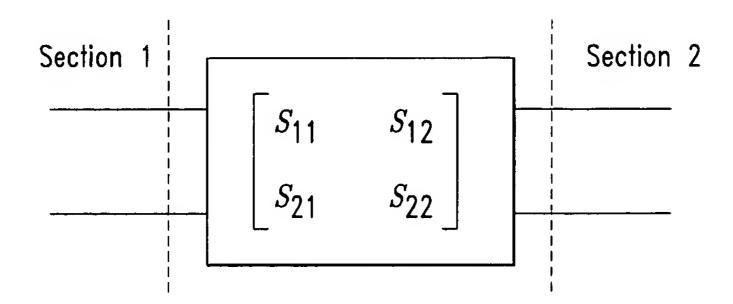


FIG. 3

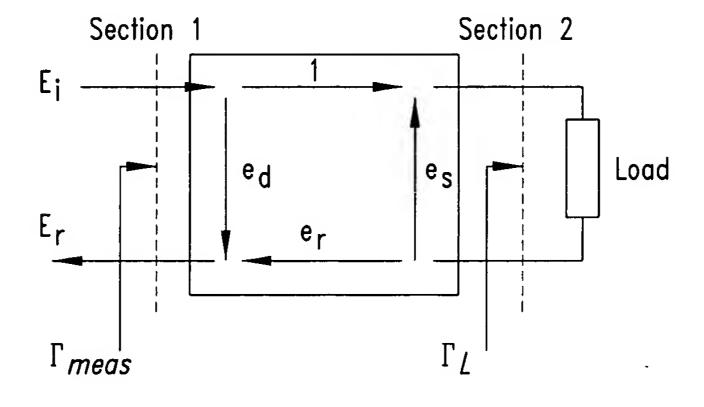


FIG. 4



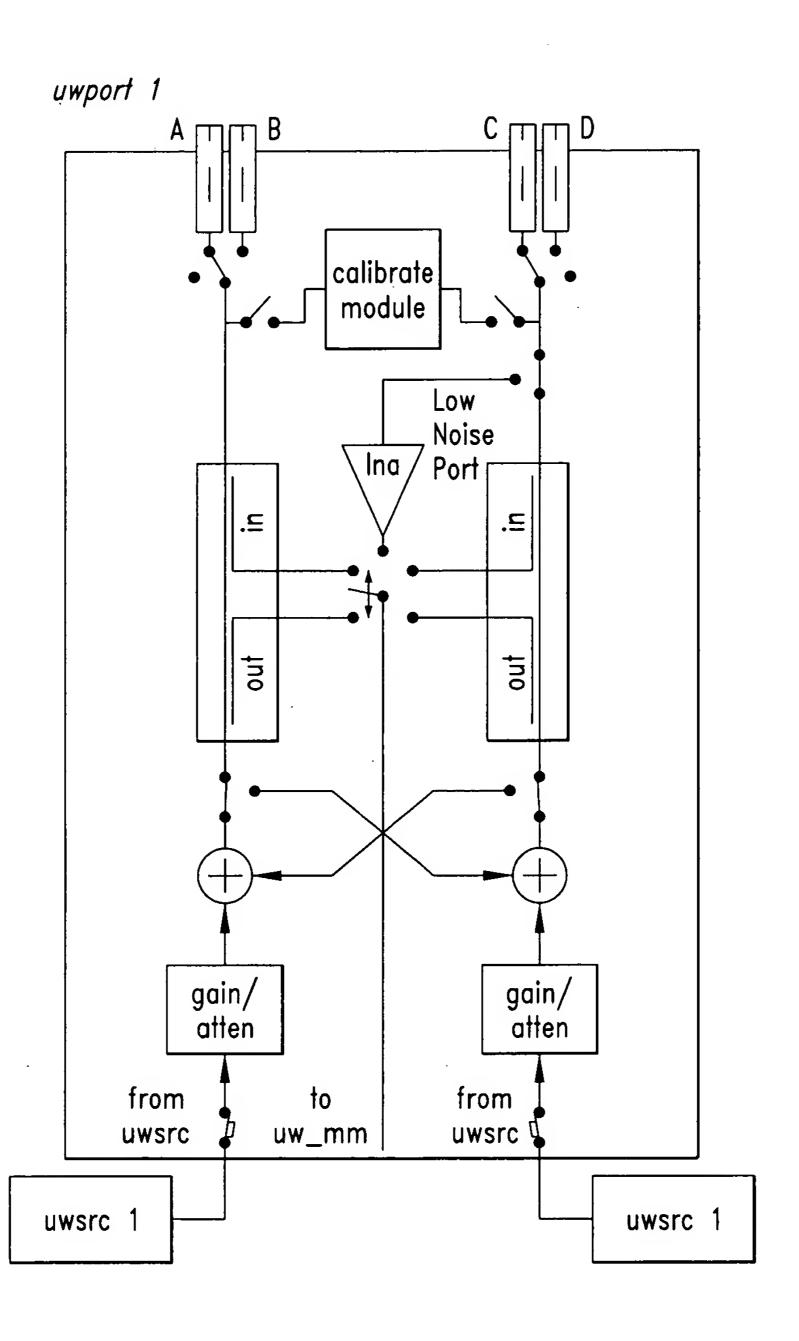


FIG. 5



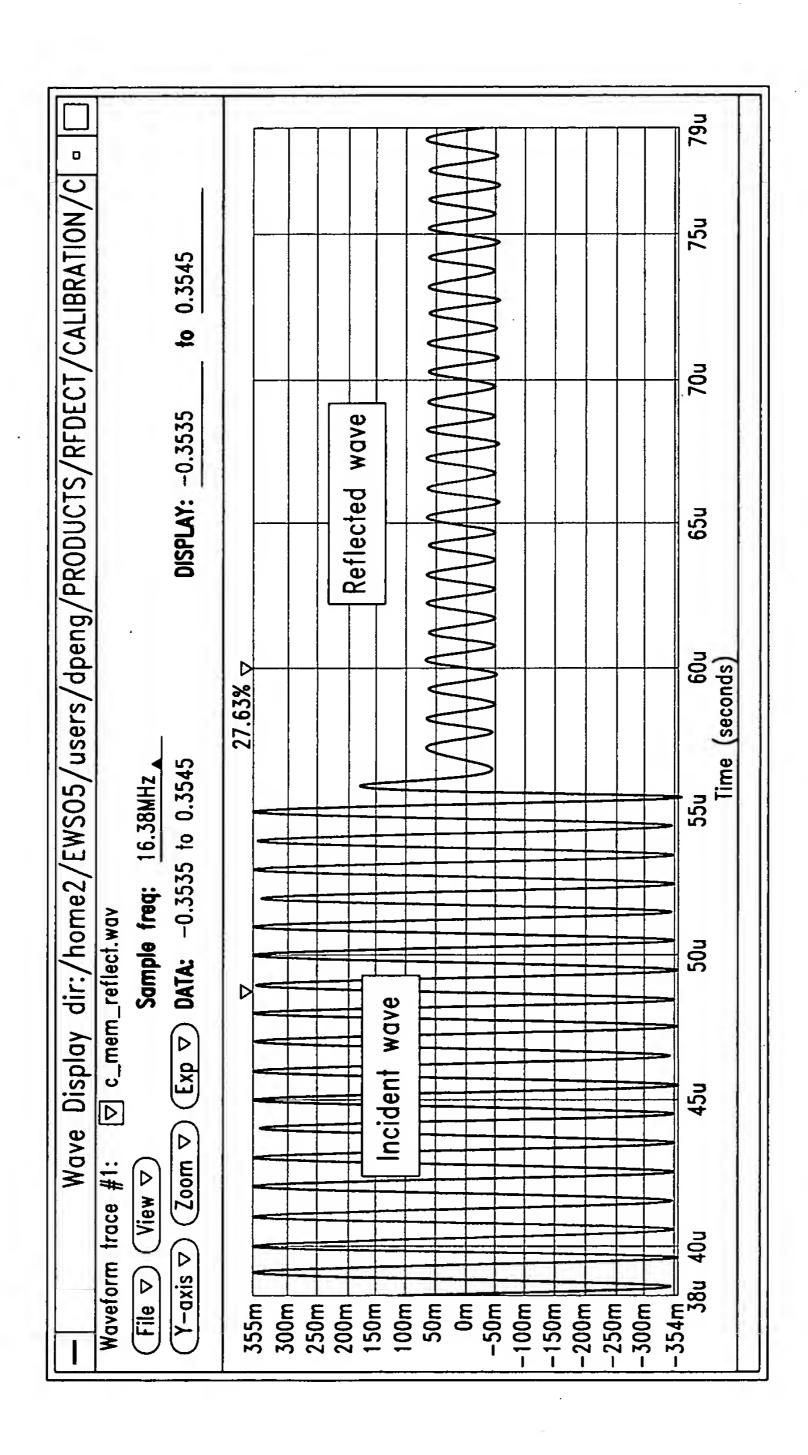


FIG. 6

Serial No. 10/033,364

Docket No. 856063.678

Inventor(s): Giuseppe Di Gregorio et al. Express Mail No. EV449556775US "REPLACEMENT SHEET"



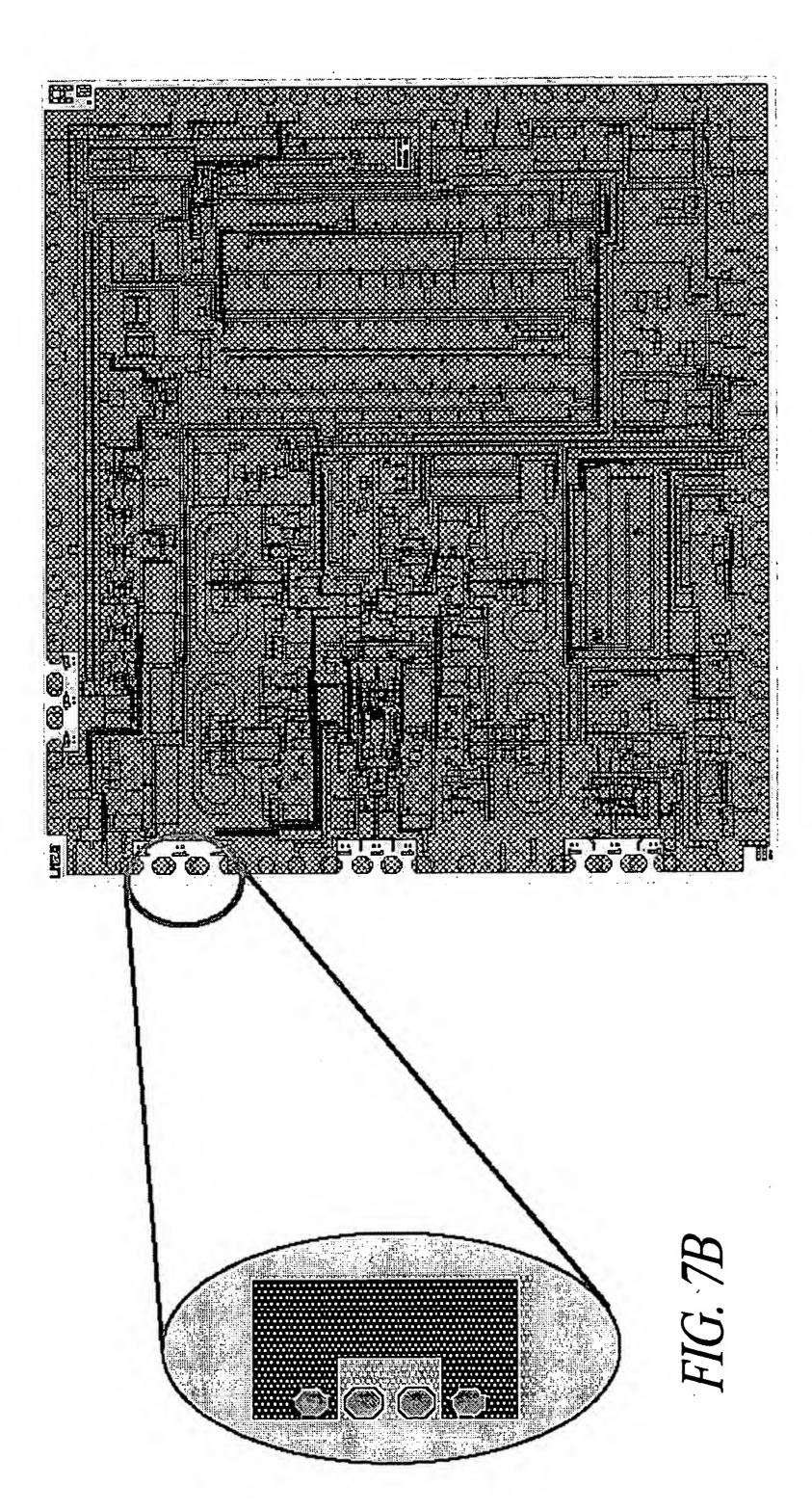


FIG. 7.4



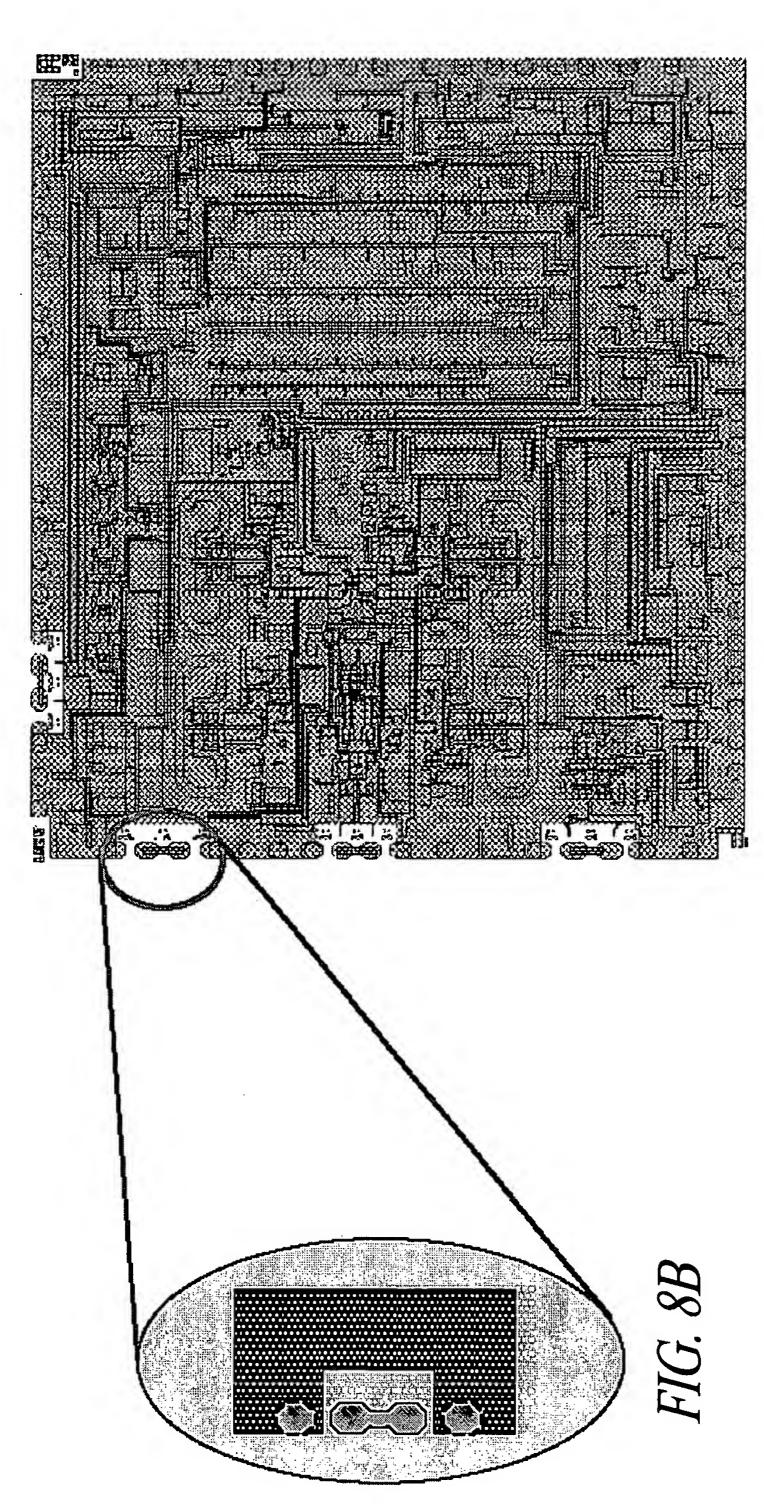
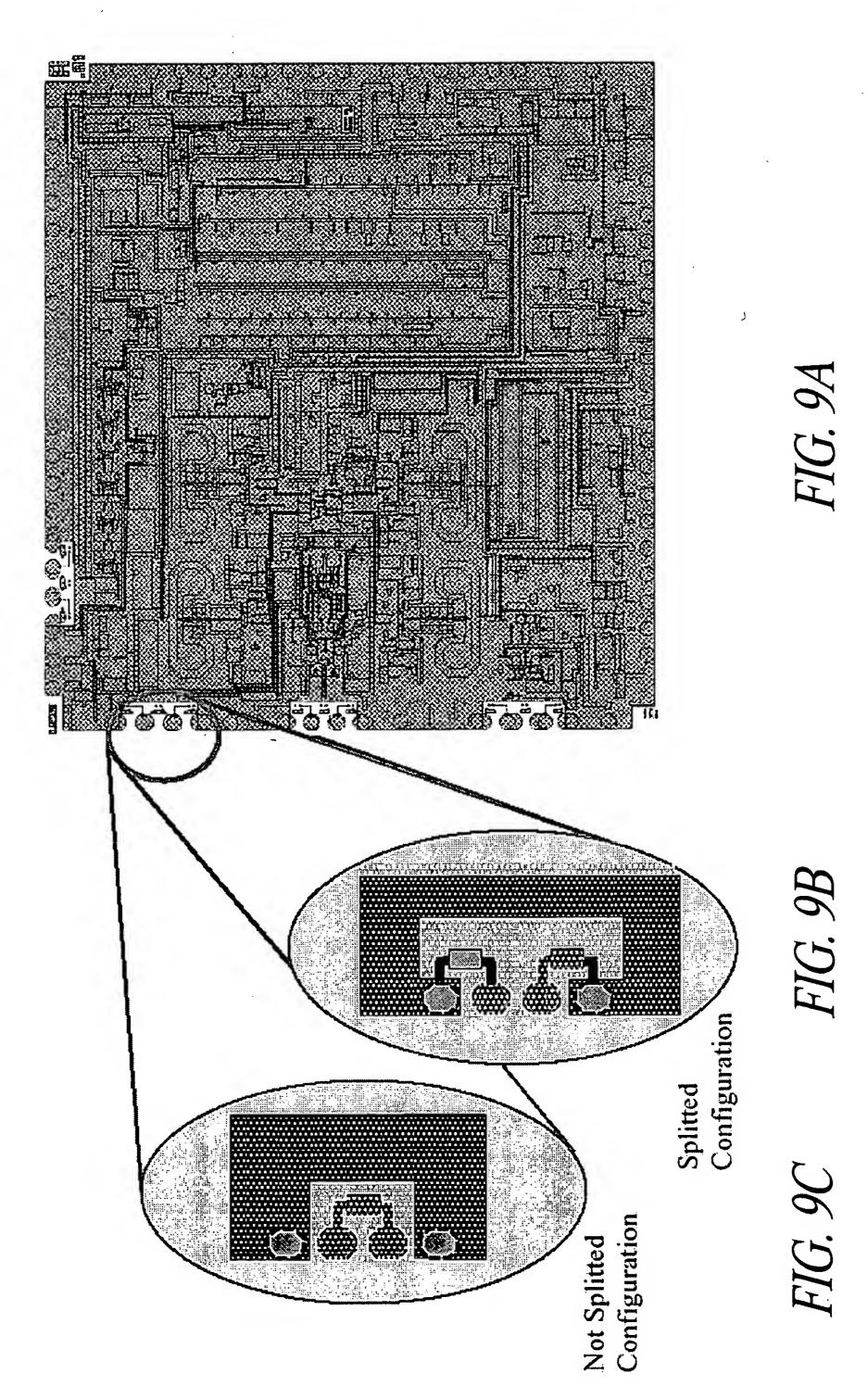


FIG. 8A





Inventor(s): Giuseppe Di Gregorio et al. press Mail No. EV449556775US "REPLACEMENT SHEET" **Parameters** x = 0.88y = 0.23phase = -14.38mag = 0.91admit = 0.00 + j 0.00imped = 134.62 - j 344.87Gamma = 0.88 - j 0.23freq = 1.98 GHzVSWR = 20.68RL = 0.84 dBOPEN 178 FIG. 10 ÷·70 **Parameters** x = -0.99y = 0.06mag = 0.99phase = 176.79imped = 0.20 - j 1.40admit = 0.10 - j 0.70freq = 2.05 GHzGamma = -0.99 + j 0.06VSWR = 254.24RL = 0.07 dB**SHORT** FIG. 11

Docket No. 856063.678

Serial No. 10/033,364

MAY 2 1 2004

— Parameters	
x = -0.01	y = -0.02
mag = 0.02	phase = -123.80
imped = 48.71 - j 1.85	admit = 0.02 + J 0.00
freq = 2.04 GHz	Gamma = -0.01 - j 0.02
VSWR = 1.05	RL = 32.81 dB
140 140 140 140 140 140 140 140 140 140	

Parameters

FIG. 12

x = 0.00		y = -0.01
mag = 0.01		phase = −83.34
imped = 50.12	- j 1.14	admit = 0.02 + J 0.00
freq = 2.05 GH		Gamma = -0.00 - j 0.01
VSWR = 1.02	,-	RL = 38.83 dB
		200.
L2	12	

FIG. 13

911E 🎝 Serial No. 10/033,364 Docket No. 856063.678 MAY 2 1 2004 Inventor(s): Giuseppe Di Gregorio et al. press Mail No. EV449556775US "REPLACEMENT SHEET" TRADEMACH **Parameters** y = -0.09x = 0.29mag = 0.31phase = -16.62imped = 89.26 - j 17.20admit = 0.01 + J 0.00freq = 1.94 GHzGamma = 0.29 - j 0.09VSWR = 1.88RL = 10.30 dBL3 178

173

L4

FIG. 14

Parameters

x = 0.29

mag = 0.30

imped = 90.05 - j 12.14

freq = 1.90 GHz

VSWR = 1.85

Parameters

y = -0.06

phase = -11.91

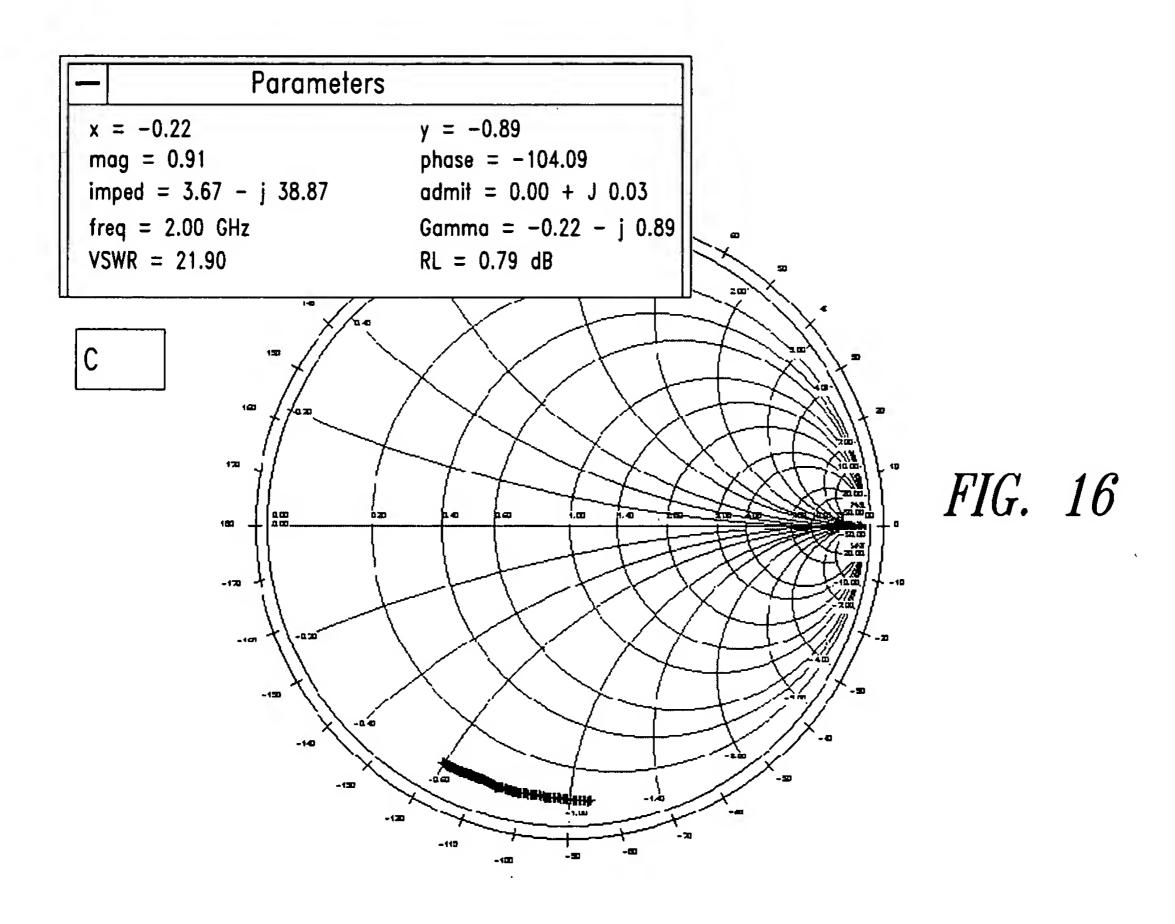
admit = 0.01 + J 0.00

Gamma = 0.29 - j 0.06

RL = 10.52 dB

FIG. 15







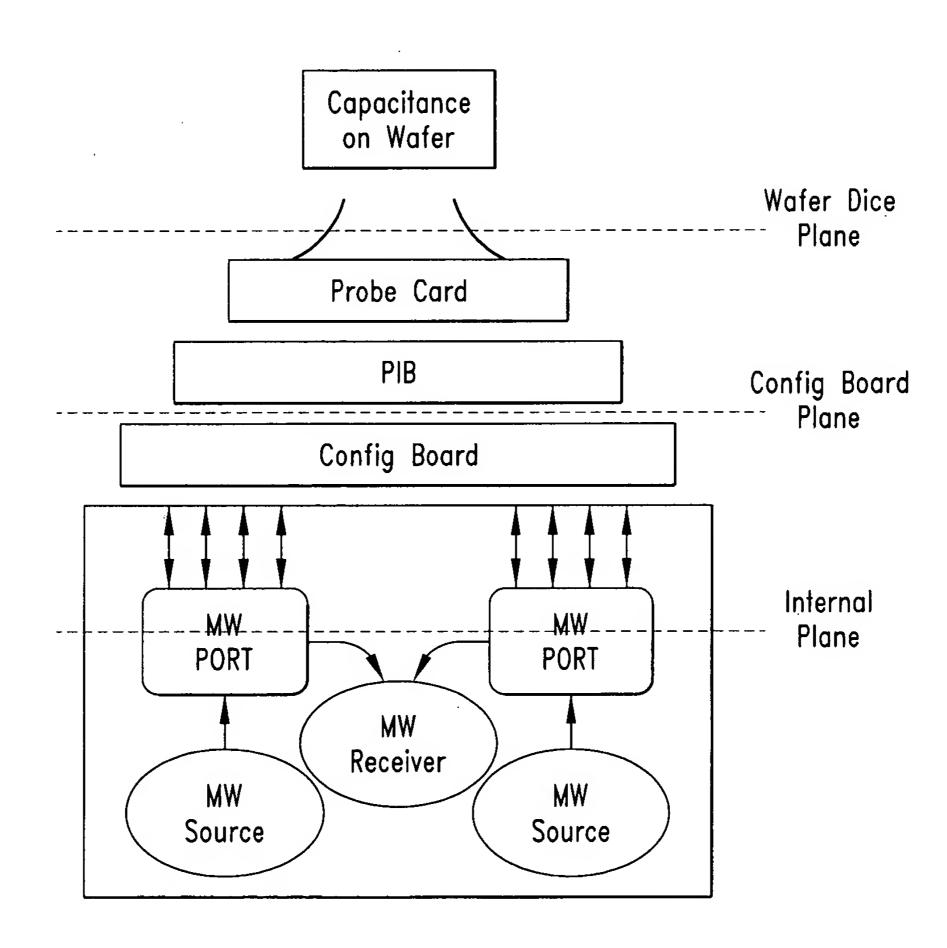


FIG. 17



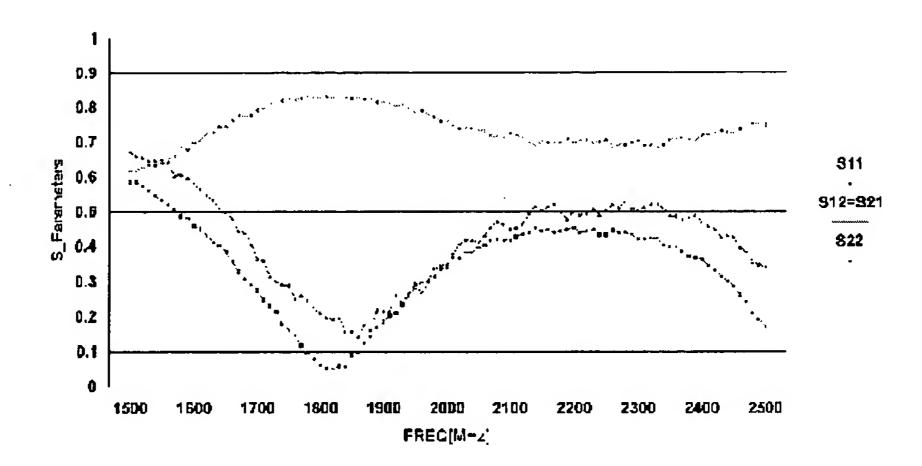


FIG. 18

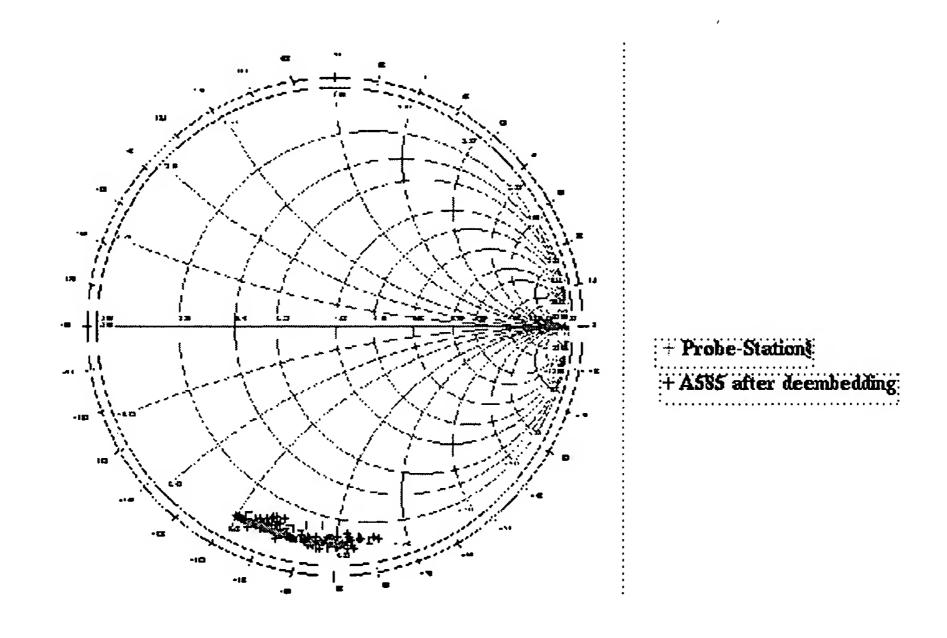


FIG. 19



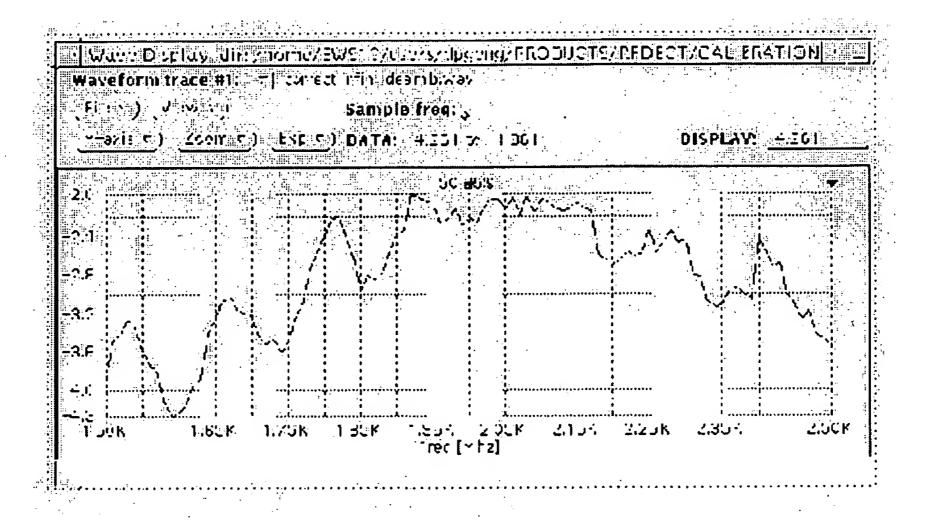


FIG. 20

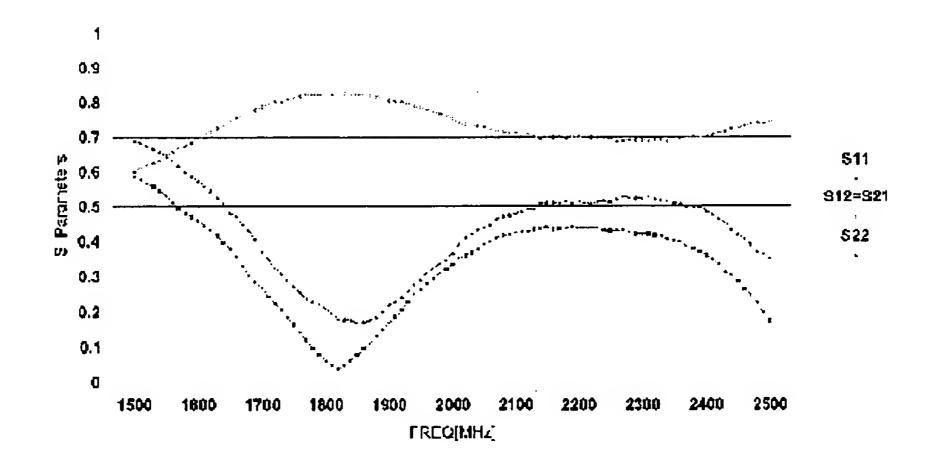
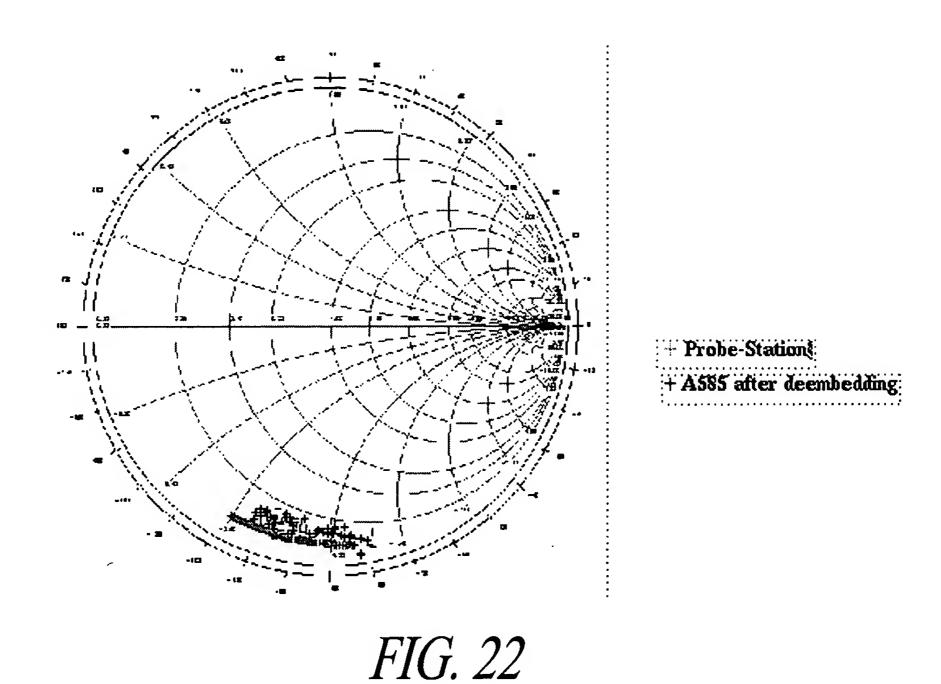
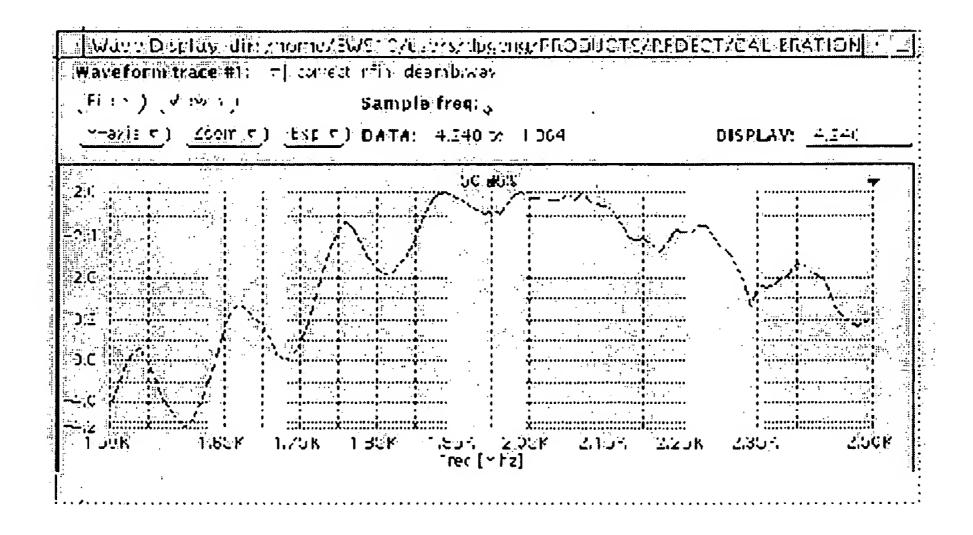


FIG. 21









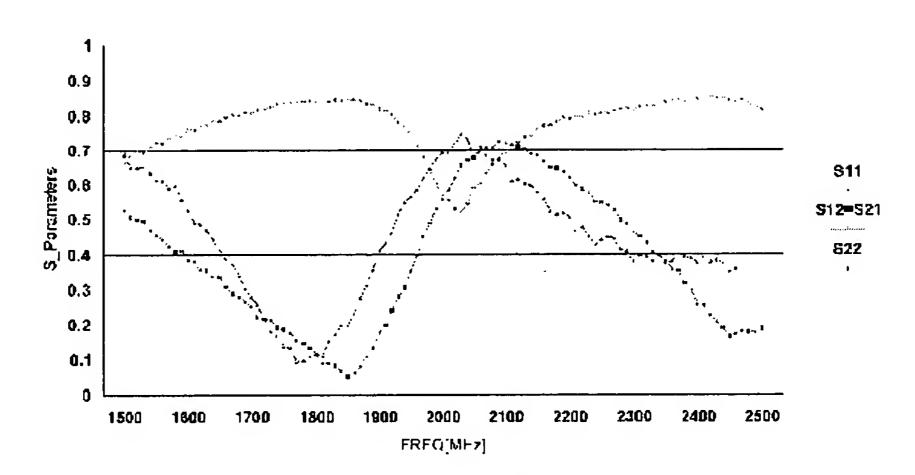


FIG. 24

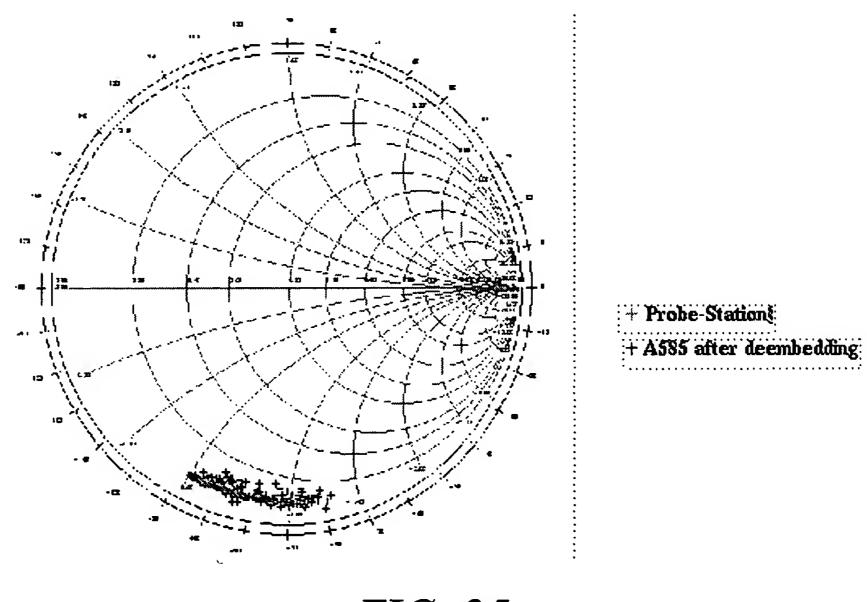


FIG. 25



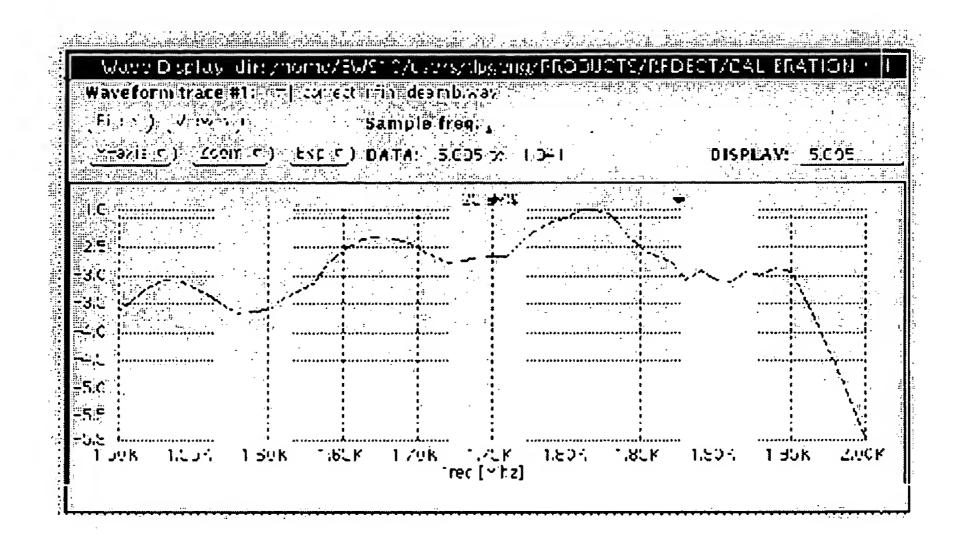


FIG. 26

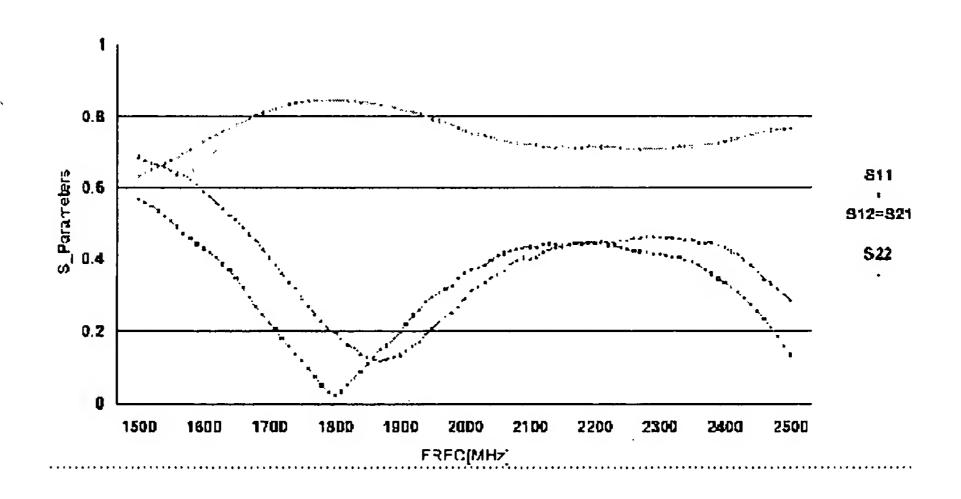


FIG. 27



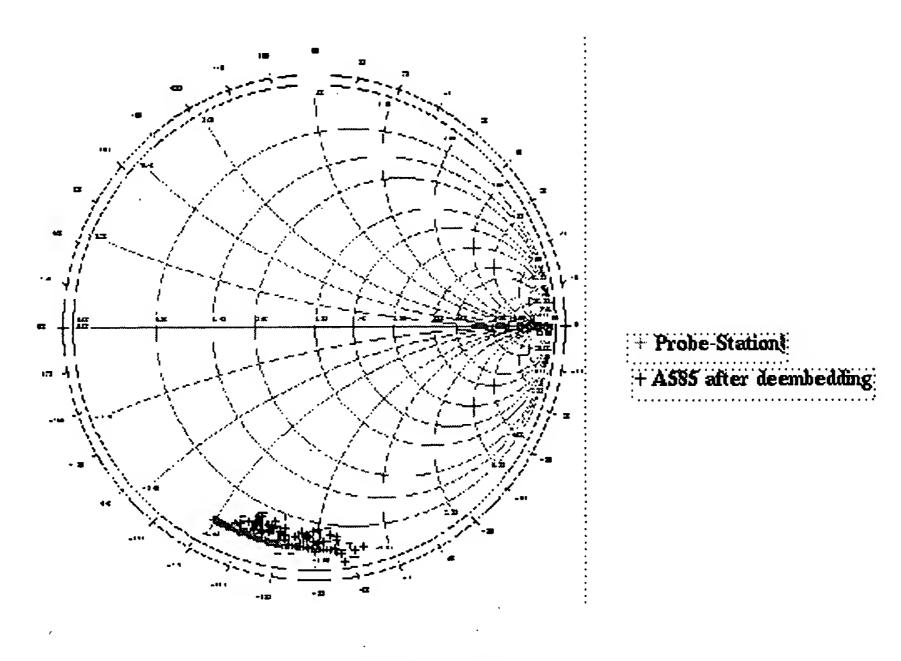


FIG. 28

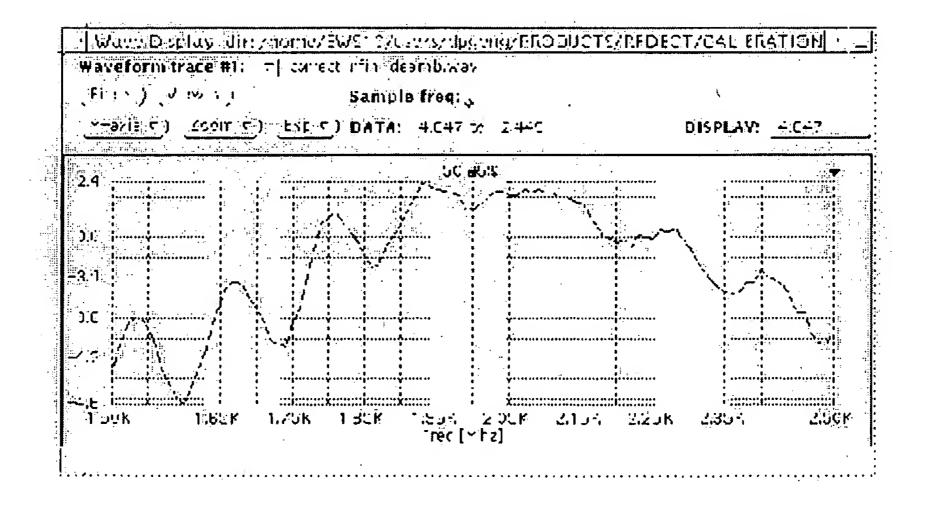


FIG. 29